

USGS STM SENSOR RECOVERY FORM (one form per housing)

DATE: 9/2/12 STORM: ISAAC INSPECTORS: COH

Housing # _____

SITE INFO

SITE ID: HWM-MS-HAN-018 LAT (DD to 6 places): 30.23825
 (format: SSS-ST-COU-###PP; see SOP)
 SITE NAME: Trash line West of Silver Slipper Casino LONG (DD to 6 places): 89.42927
 STATE: MS COUNTY: HANCOCK Landowner Info: Notified (Yes/No) Name: _____

SENSOR INFORMATION

Sensor Type (circle one): Hobo Troll RDG RDW <u>HWM</u> Other? _____ Serial # _____	Deployed as (circle one): Water level (WL) Baro Pressure (BP) Wave Height (WV) <u>HWM</u> Other? _____	Data Interval: 30 sec 2 sec Other: _____ Sensor Deploy Time (GMT): _____ Data Start Time (GMT): _____ Sensor in Water (Y/N) _____	BP sensor collocated? (Yes/No) BP Site ID: _____ USGS VI on housing? (Yes/No)
---	--	---	--

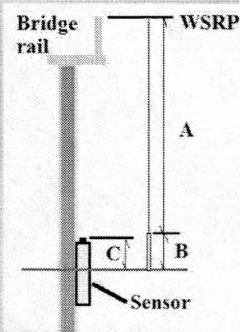
DETERMINE WATER SURFACE

Water Surface Reference Point (WSRP) Info

Reference Point (WSRP) # 002
 WSRP elevation (feet): 10.620
 Elevation Assumed? (Yes/No)
 WSRP description:
Poor Trash line on power pole
Located West of Casino in parking
Lot @ waters edge Located
near SSS-MS-HAN-015

Water Surface (WS) Elev. Calculations

TD Time: _____ GMT
 WSRP elevation (WSRP): _____ feet
 Tapedown (A): _____ feet
 Weight length (B): _____ feet
 Total TD (A + B): _____ feet
WS = WSRP - (A + B): _____ feet
 WS conditions (circle)? Calm Choppy Wavy



DETERMINE THE SENSOR HOUSING ELEVATION

To determine the Sensor Housing Elevation using a tapeup/tapedown from the established water surface elevation above, use the box to the right.

Choose option!

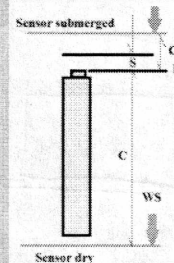
If elevation run to 2nd RP (SHRP) above sensor, then use lower boxes.

Sensor Housing RP Info

Reference Point (SHRP) # _____
 SHRP elevation (feet): _____
 Elevation Assumed? (Yes/No)
 RP description: _____

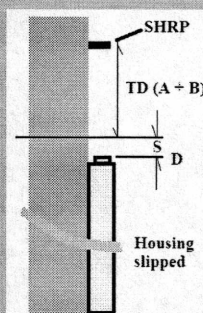
Sensor Housing Nut Elevation (D) from WS

Water Surface (WS): _____ feet
 Nut in water? Tape up to nut _____ feet
 OR
 Nut out of water? Tape down: _____ feet
D = (WS +/- C) - S: _____ feet



Sensor Housing Nut Elevation (D) from SHRP

SHRP elevation: _____ feet
 Tapedown (A): _____ feet
 Weight length (B): _____ feet
 Total TD (A + B): _____ feet
 Subtract slippage (S): _____ feet
D = SHRP - (A + B) - S: _____ feet



USGS STM SENSOR RECOVERY FORM (page 2)

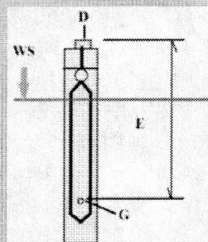
SENSOR ORIFICE ELEVATION

Sensor Orifice Elevation ($G = D - E$)

Housing Nut (D): _____ feet

Subtract Housing
Correction Factor (E): _____ feet

Sensor Orifice
Elevation (G):
_____ feet



SENSOR HEIGHT ABOVE GROUND

Use if Sensor Deployed Above Ground w/ no RP Elevation ($OEG = D - (H - E)$)

Housing Nut (D): _____ feet

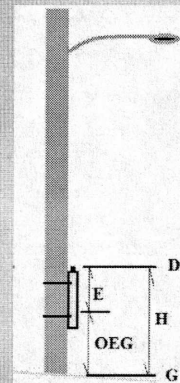
TD to Ground (H): _____ feet

Subtract Housing

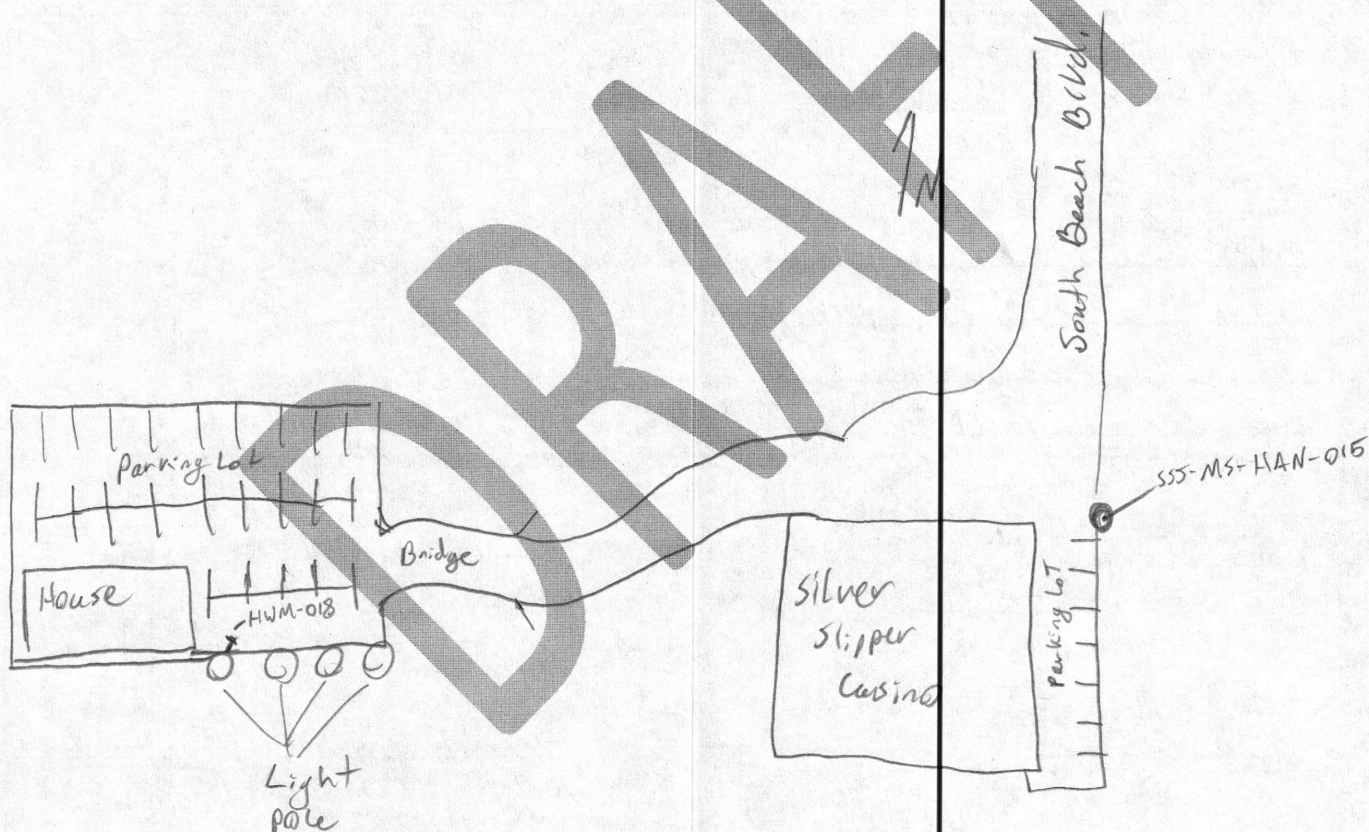
Correction Factor (E): _____ feet

Data offset for
Depth above
Ground (OEG): _____ feet

This is used only until RP elevation
is surveyed in to get initial estimate
of depth above ground surface



DRAW SITE SKETCH BELOW



CHECK
IN!!

Pictures Taken (circle all that apply): Sensor

RP

RM

North

South

East

West

Departure Time:

GMT Check-In Time:

GMT

STM Coord. on duty: